Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078964.D
Acq On : 6 May 2015 17:02
Operator : TP/IZ
Sample : G2114-14 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-5(6-12)

Manual Integrations APPROVED
apatel
5/7/2015 1:57:36 PM

Quant Time: May 07 02:01:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 00:45:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	71197	20.00	ng		0.00
21) Naphthalene-d8	8.92	136	302244	20.00	ng		0.00
38) Acenaphthene-d10	11.10	164	143508	20.00	ng		0.00
63) Phenanthrene-d10	12.95	188	288939	20.00	ng		0.00
75) Chrysene-d12	16.26	240	315865	20.00	ng		-0.05
86) Perylene-d12	18.08	264	344032	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	169672	41.02	ng		0.01
7) Phenol-d6	6.89	99	223372	40.86	ng		0.00
23) Nitrobenzene-d5	8.03	82	125371	23.84	ng		0.00
41) 2,4,6-Tribromophenol	12.08	330	56377	36.31	ng		0.00
44) 2-Fluorobiphenyl	10.27	172	246329	23.91	ng		0.00
78) Terphenyl-d14	14.95	244	284538	21.57	ng		0.00
Target Compounds							Qvalue
70) Phenanthrene	12.97	178	100716	6.23	ng		98
74) Fluoranthene	14.46	202	224582	13.33	ng		96
77) Pyrene	14.74	202	198178	10.89	ng		99
80) Benzo(a)anthracene	16.25	228	111299	6.43	ng		99
82) Chrysene	16.30	228	105782m	6.36	ng		
83) Bis(2-ethylhexyl)phthalate	16.30	149	270688	22.46	ng	#	95
85) Indeno(1,2,3-cd)pyrene	19.59	276	67248m	3.17	ng		
87) Benzo(b)fluoranthene	17.61	252	129440m	6.87	ng		
88) Benzo(k)fluoranthene	17.62	252	57067m	3.13	ng		
89) Benzo(a)pyrene	18.01	252	95921	5.53	ng	#	93
91) Benzo(g,h,i)perylene	20.03	276	63966	3.46	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (LSC Reviewed)

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Sample : G2114-14 2X
Misc :
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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
GRID-5(6-12)

Manual Integrations APPROVED
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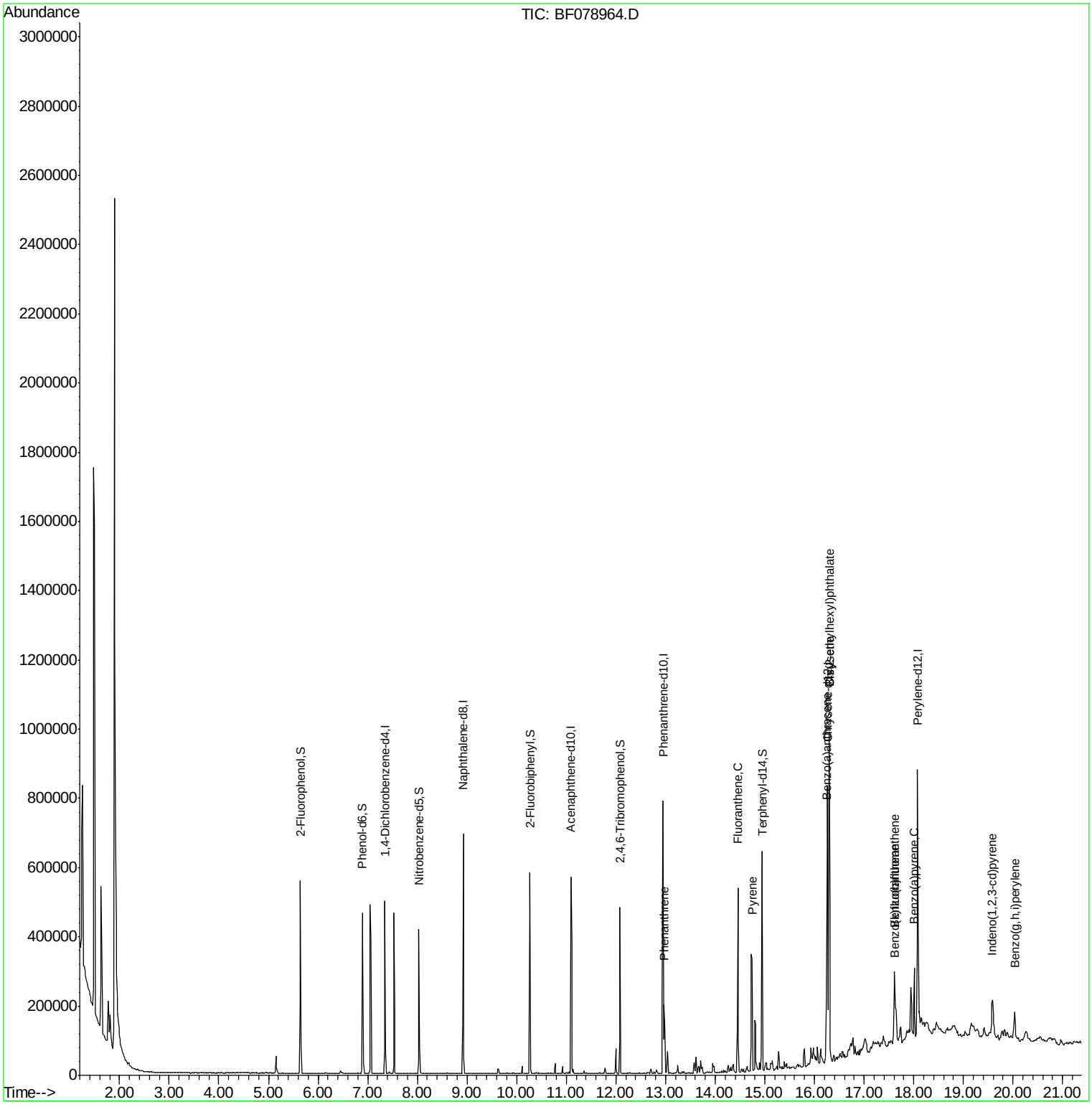
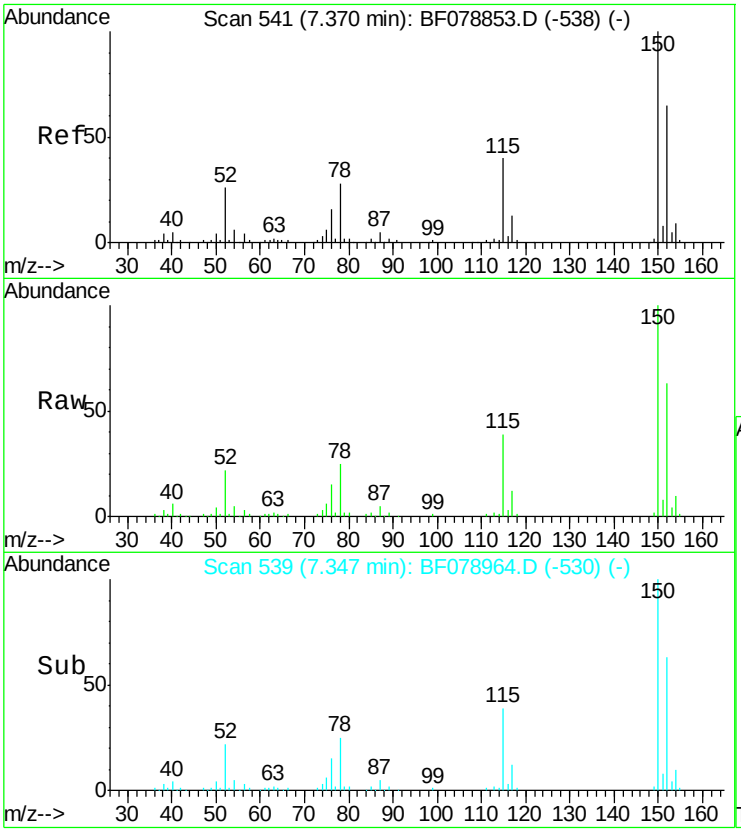
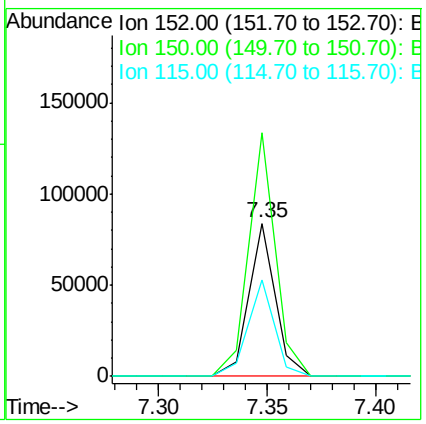




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:152 Resp: 71197

Ion	Ratio	Lower	Upper
152	100		
150	159.0	122.0	183.0
115	62.6	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
GRID-5(6-12)

Manual Integrations APPROVED
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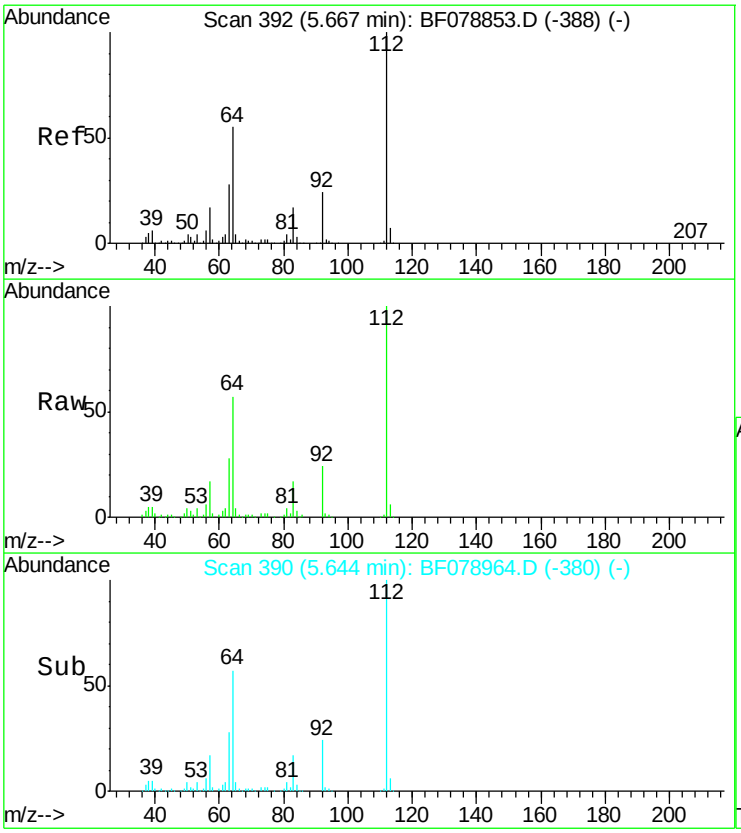
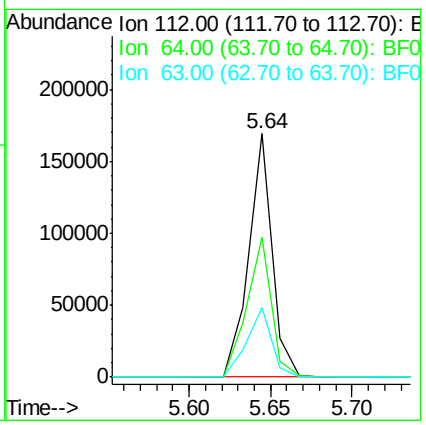
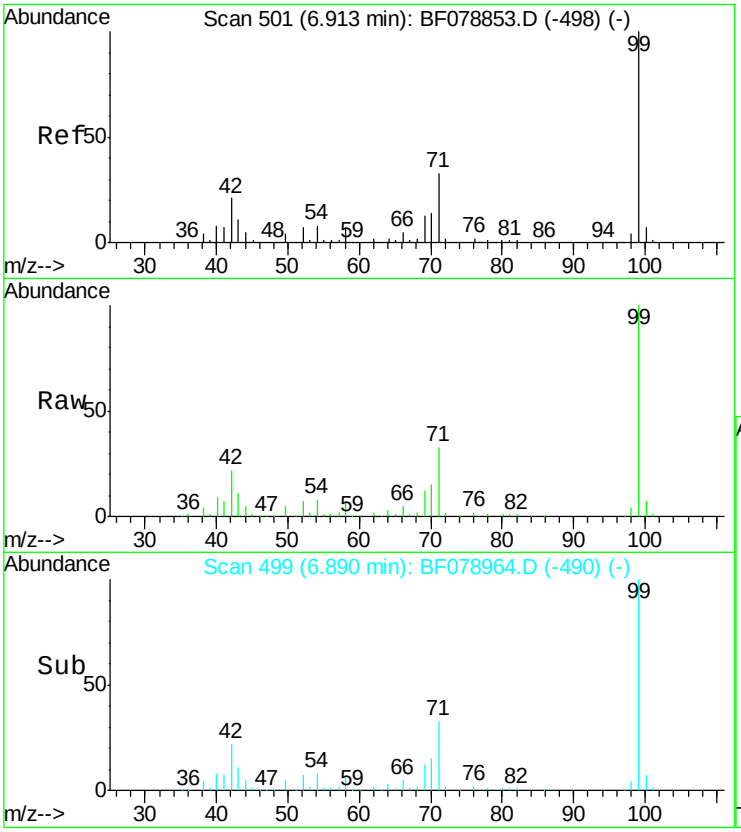


#5
2-Fluorophenol
Concen: 41.02 ng
RT: 5.64 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:112 Resp: 169672

Ion	Ratio	Lower	Upper
112	100		
64	57.4	53.5	80.3
63	28.4	27.5	41.3

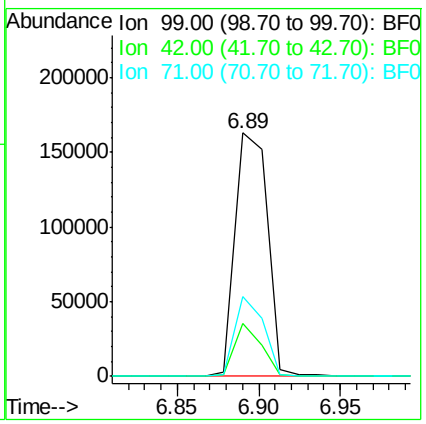




#7
Phenol-d6
Concen: 40.86 ng
RT: 6.89 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion: 99 Resp: 223372

Ion	Ratio	Lower	Upper
99	100		
42	21.8	12.8	19.2#
71	32.8	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
GRID-5(6-12)

Manual Integrations APPROVED
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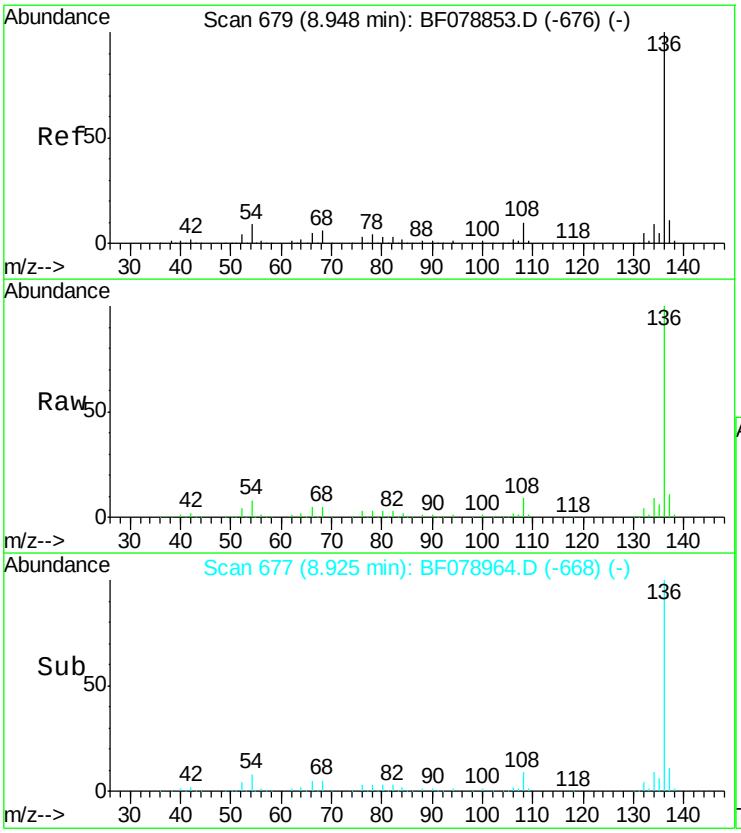
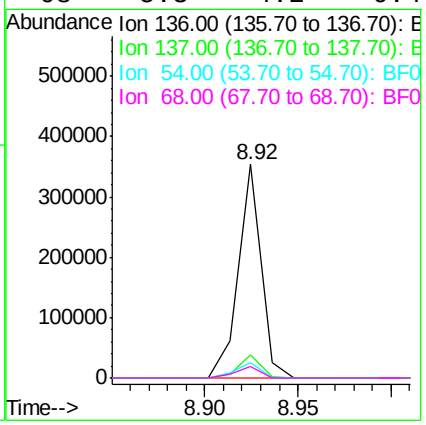
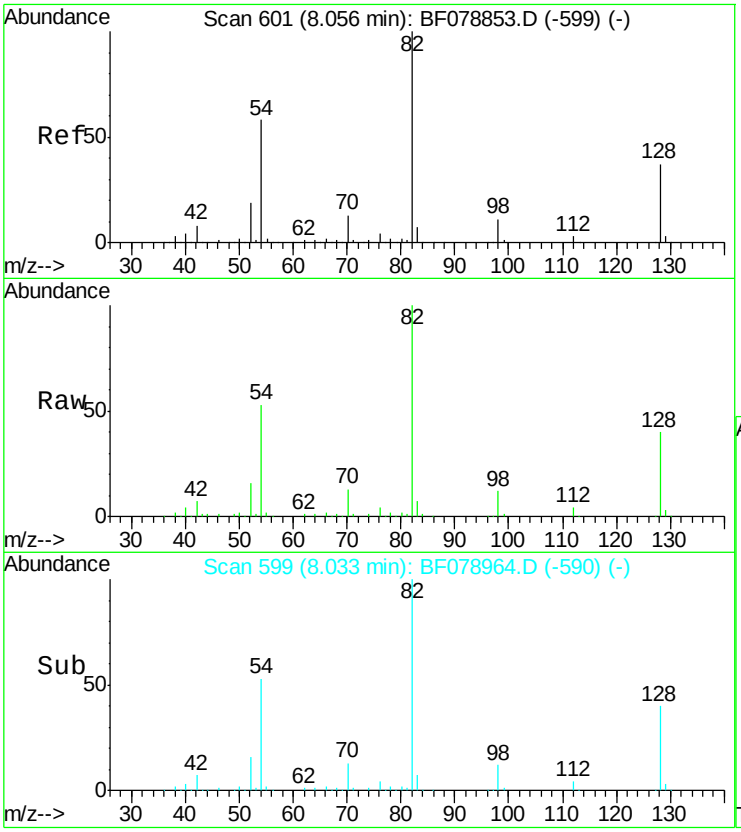


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:136 Resp: 302244

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.5	5.8	8.8
68	5.3	4.2	6.4

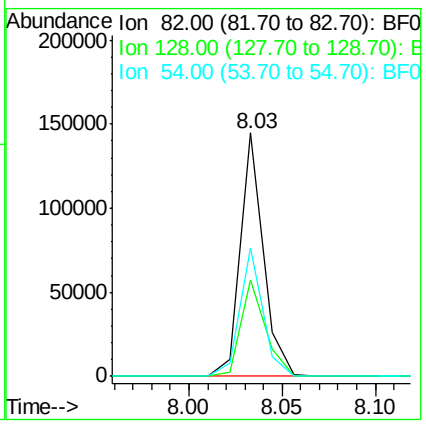




#23
Nitrobenzene-d5
Concen: 23.84 ng
RT: 8.03 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion: 82 Resp: 125371

Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.0	45.0
54	52.8	46.4	69.6



Instrument :
BNA_F
ClientSampleId :
GRID-5(6-12)

Manual Integrations APPROVED
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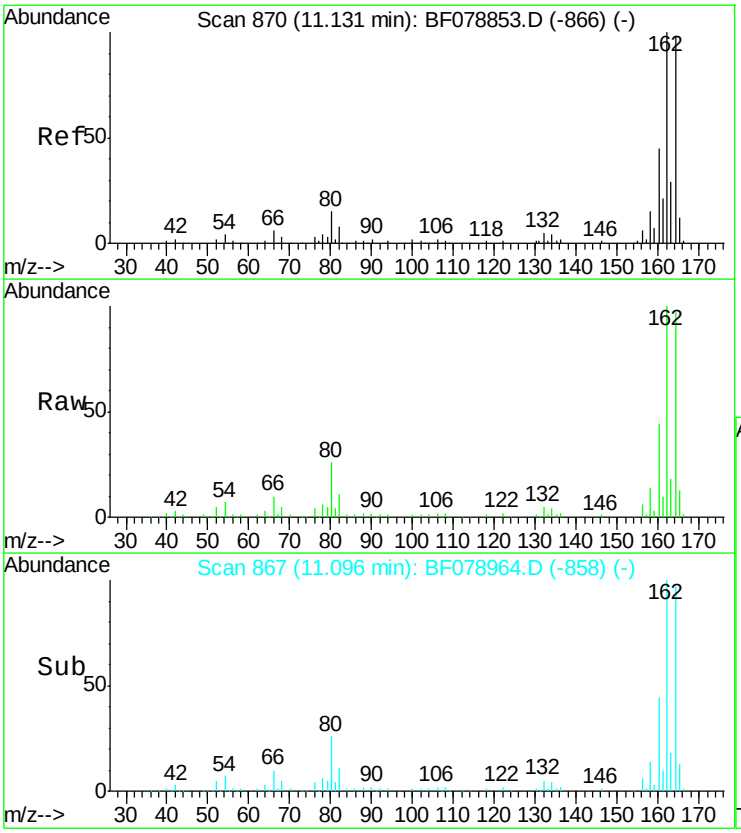
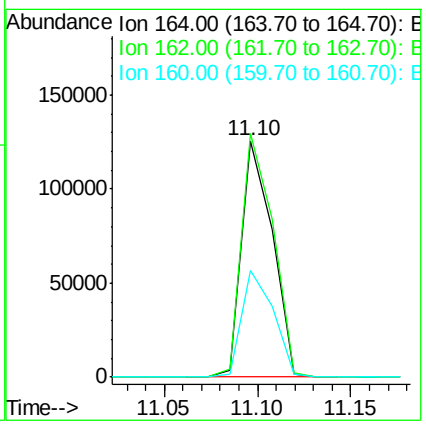
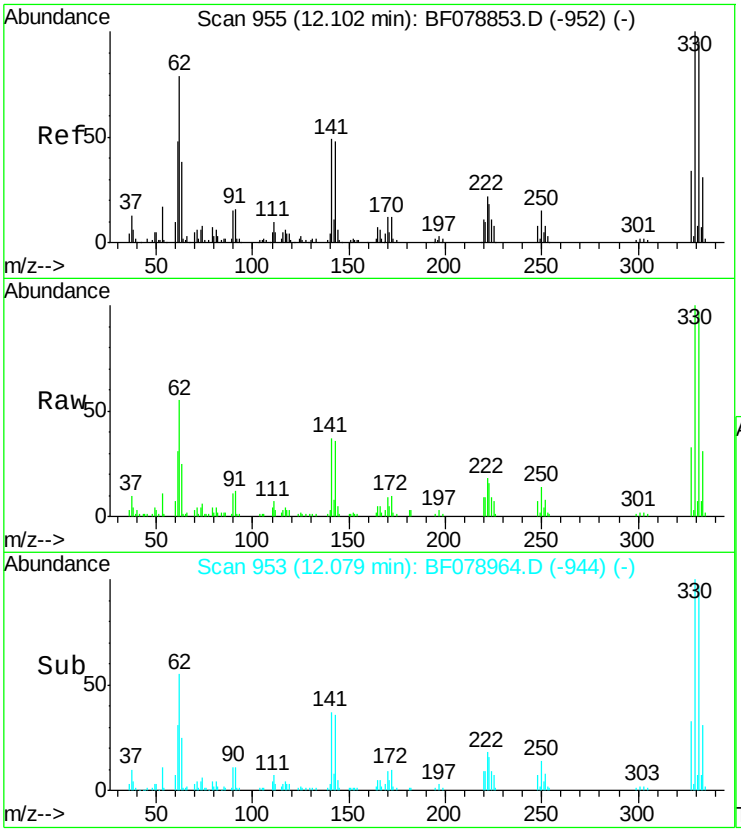


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:164 Resp: 143508

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.7	124.1
160	44.9	35.8	53.8

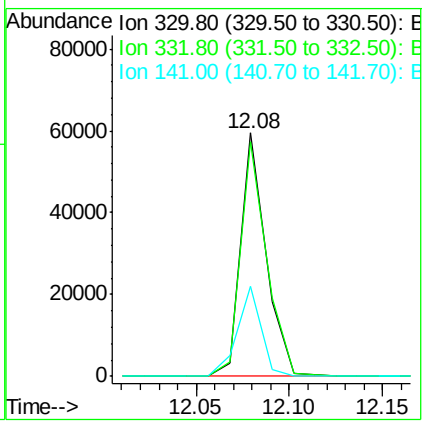




#41
2,4,6-Tribromophenol
Concen: 36.31 ng
RT: 12.08 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:330 Resp: 56377

Ion	Ratio	Lower	Upper
330	100		
332	98.9	0.0	0.0#
141	35.2	0.0	0.0#



Instrument :
BNA_F
ClientSampleId :
GRID-5(6-12)

Manual Integrations APPROVED
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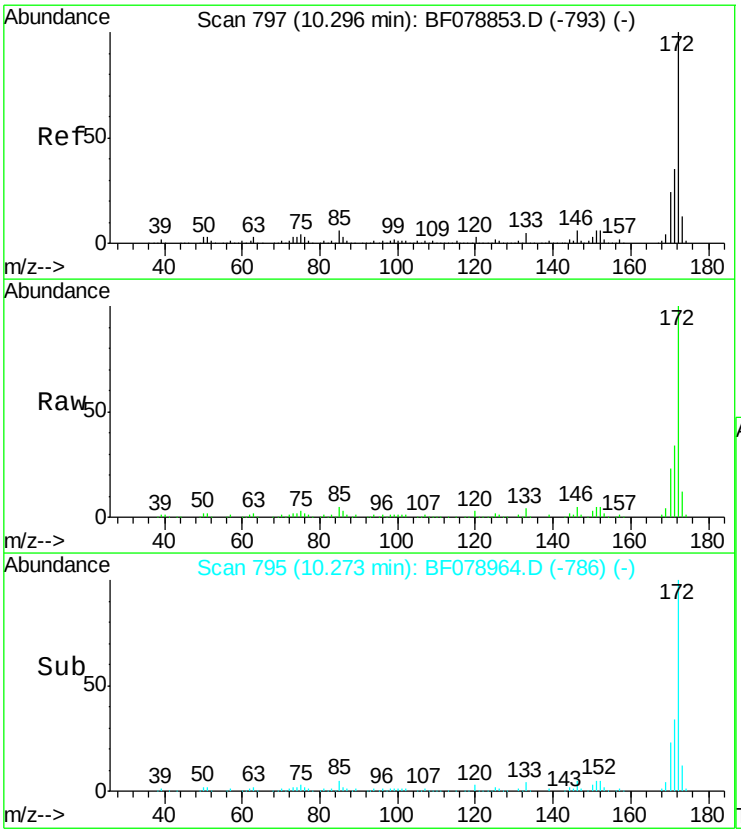
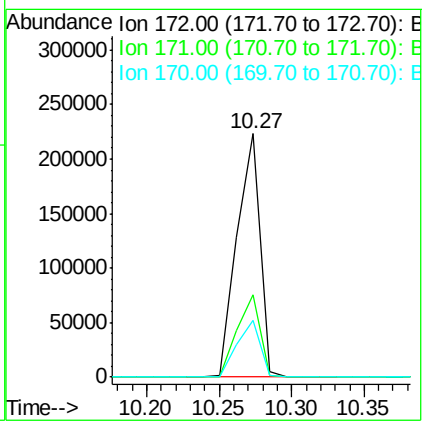
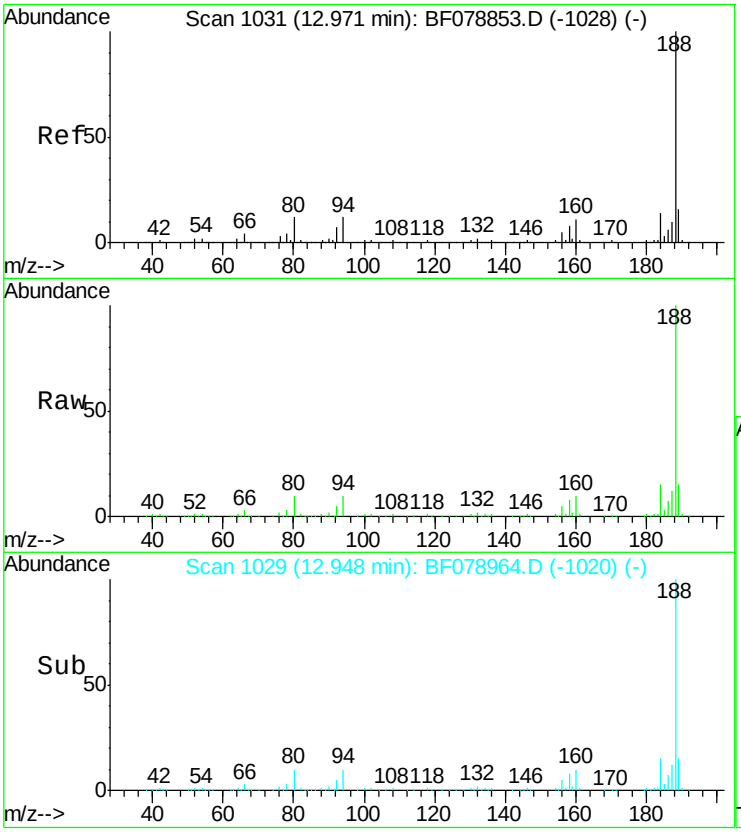


#44
2-Fluorobiphenyl
Concen: 23.91 ng
RT: 10.27 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:172 Resp: 246329

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.9	41.9
170	23.4	19.4	29.0

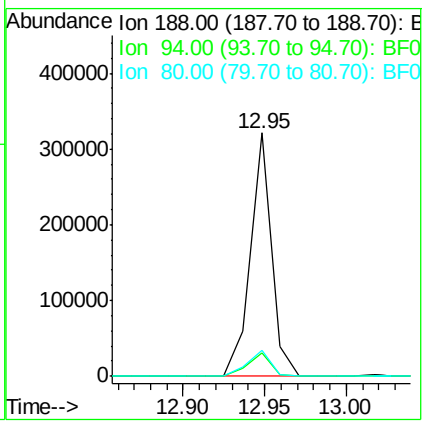




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:188 Resp: 288939

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	10.4	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
GRID-5(6-12)

Manual Integrations APPROVED
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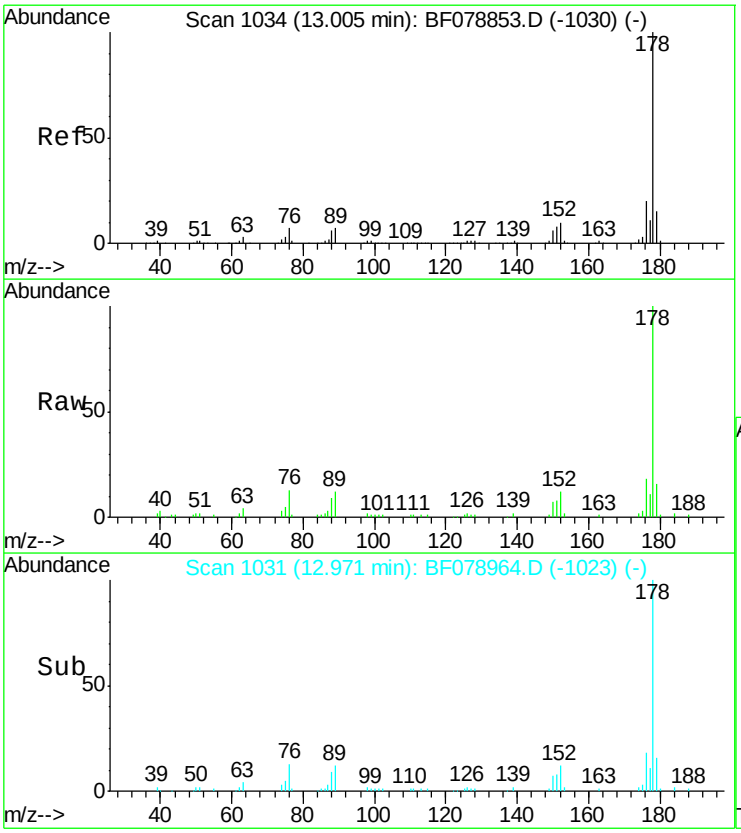
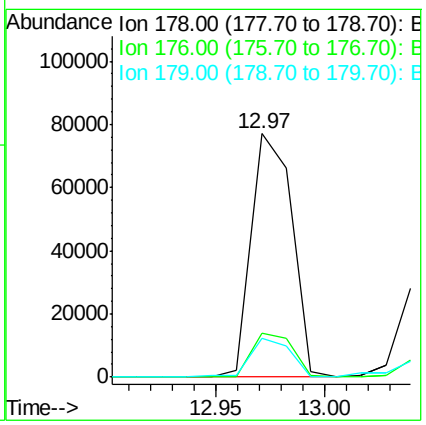
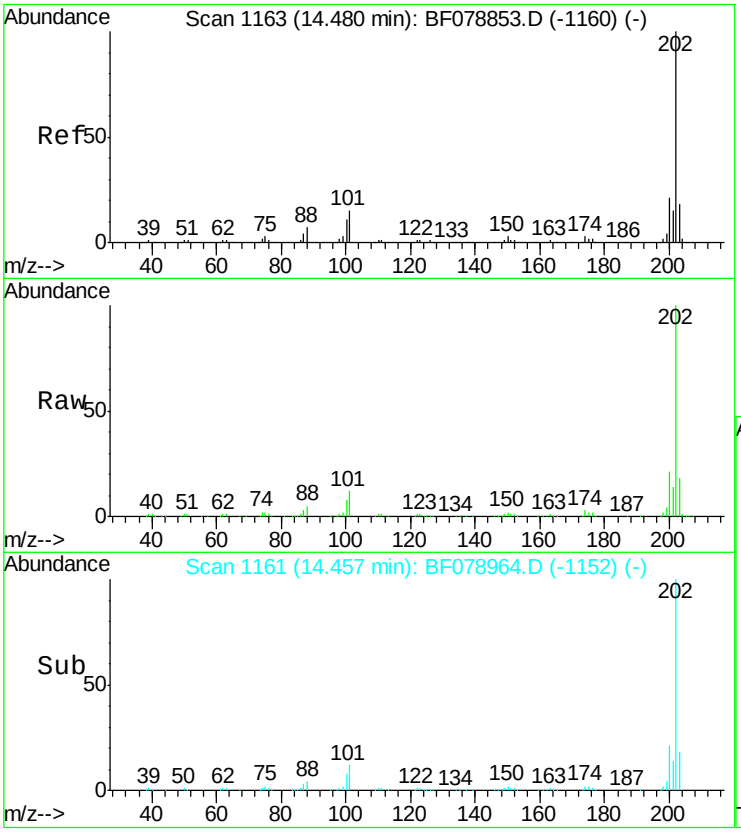


#70
Phenanthrene
Concen: 6.23 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:178 Resp: 100716

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.7	12.5	18.7

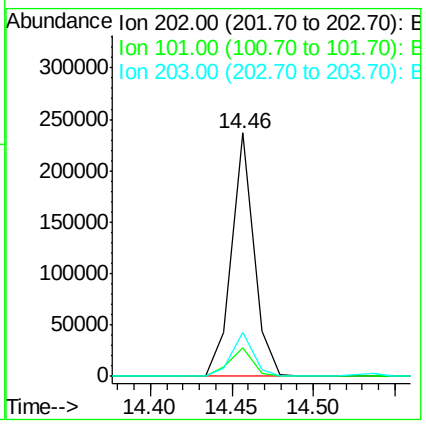




#74
Fluoranthene
Concen: 13.33 ng
RT: 14.46 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:202 Resp: 224582

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.6
203	17.9	0.0	38.4



Instrument :
BNA_F
ClientSampleId :
GRID-5(6-12)

Manual Integrations APPROVED
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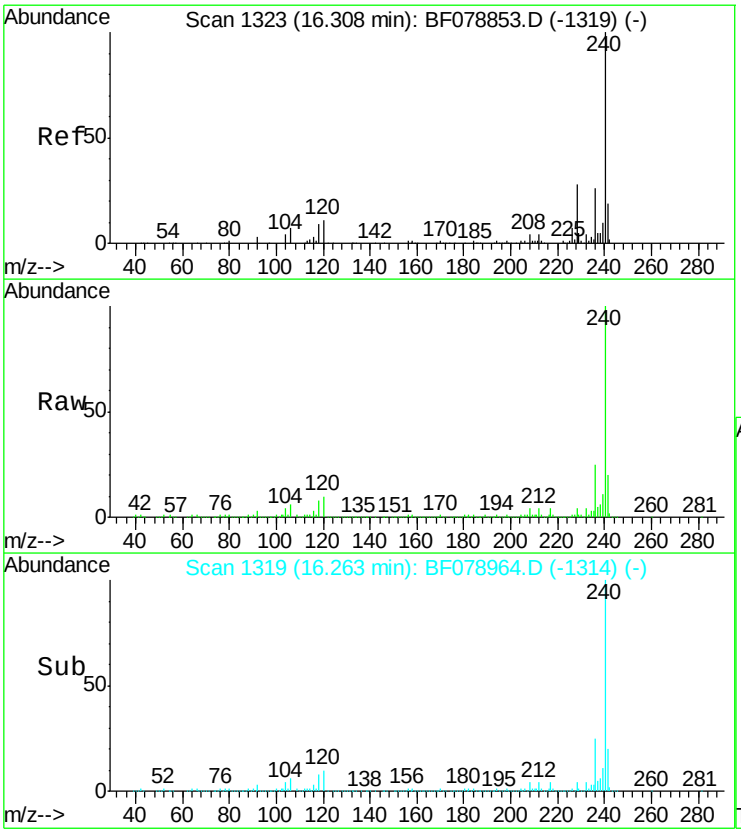
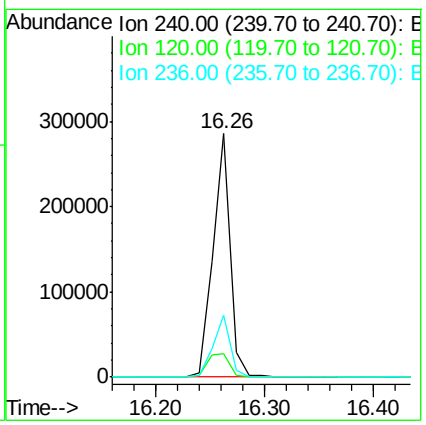
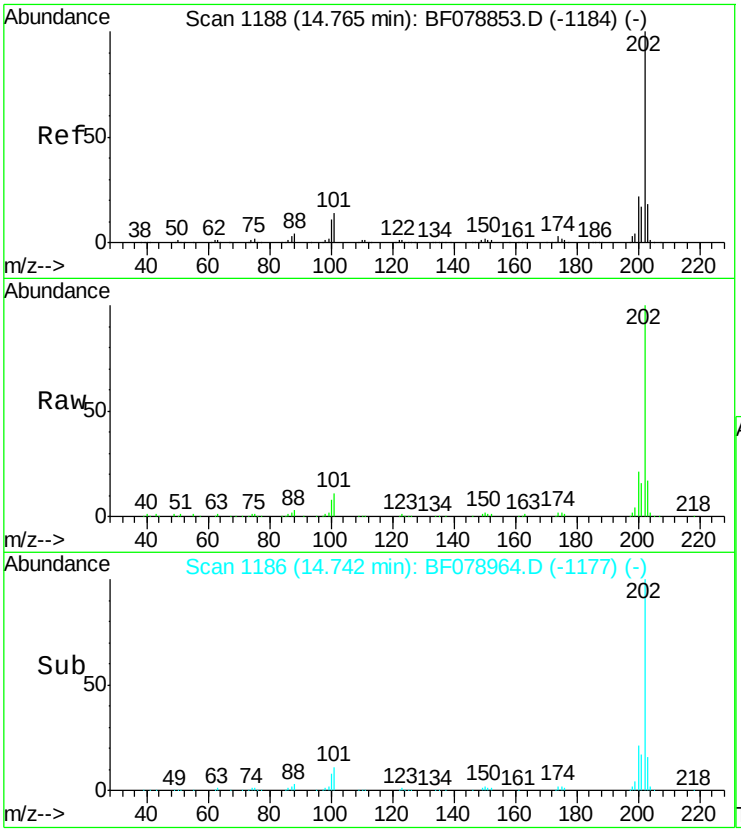


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.05 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:240 Resp: 315865

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.7	14.5
236	25.3	20.2	30.4

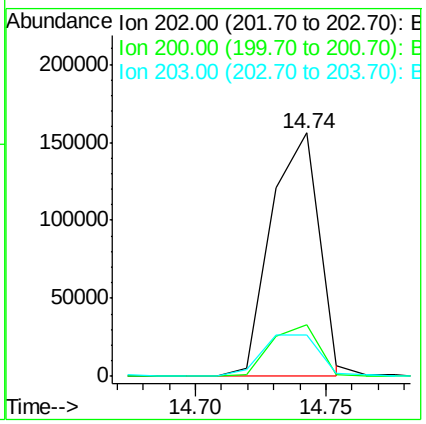




#77
Pyrene
Concen: 10.89 ng
RT: 14.74 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:202 Resp: 198178

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.5	26.3
203	17.2	13.9	20.9



Instrument :
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ClientSampleId :
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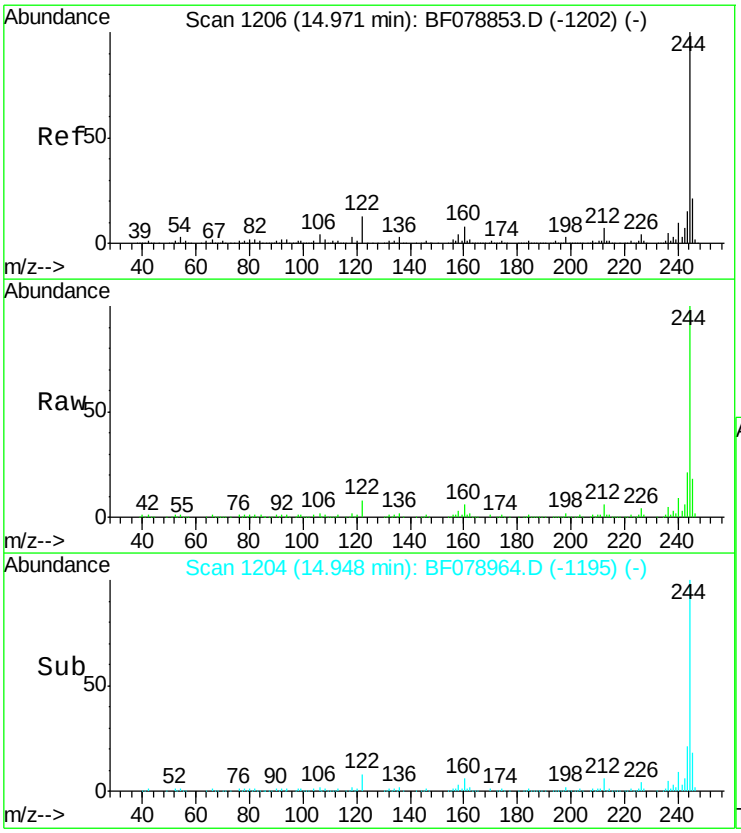
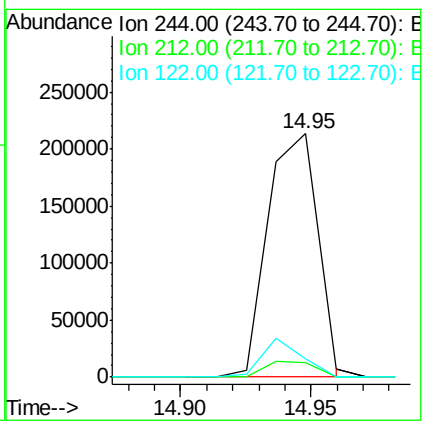
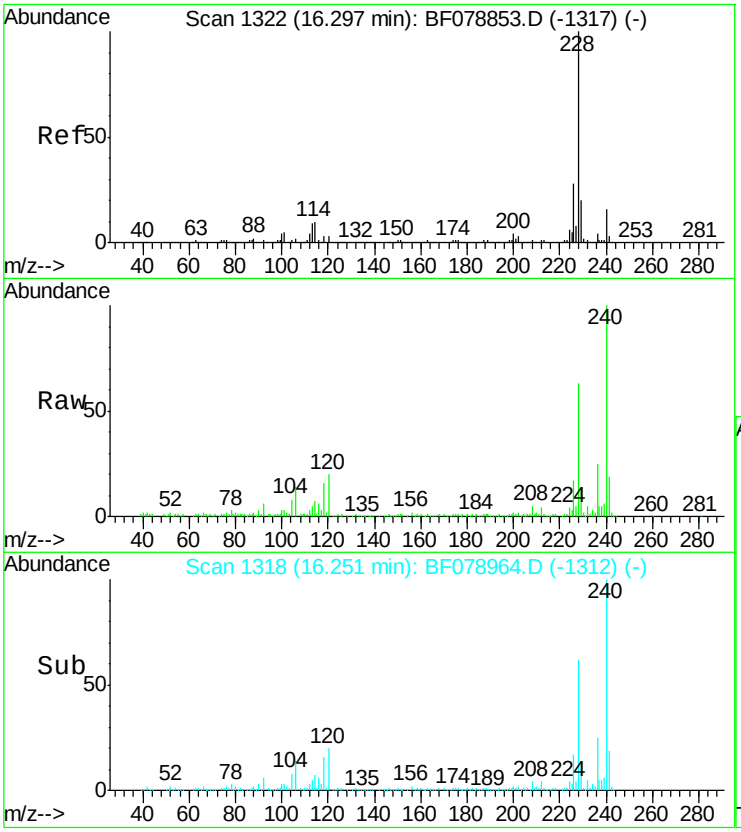


#78
Terphenyl-d14
Concen: 21.57 ng
RT: 14.95 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:244 Resp: 284538

Ion	Ratio	Lower	Upper
244	100		
212	5.7	5.6	8.4
122	7.6	10.3	15.5#

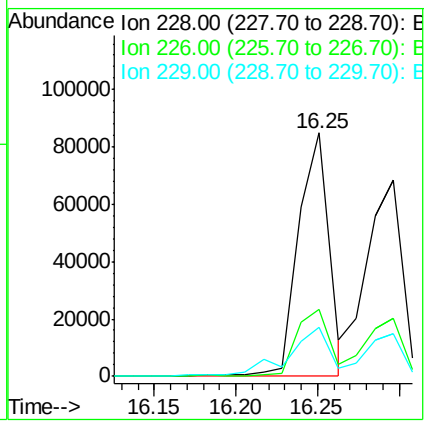




#80
Benzo(a)anthracene
Concen: 6.43 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.03 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

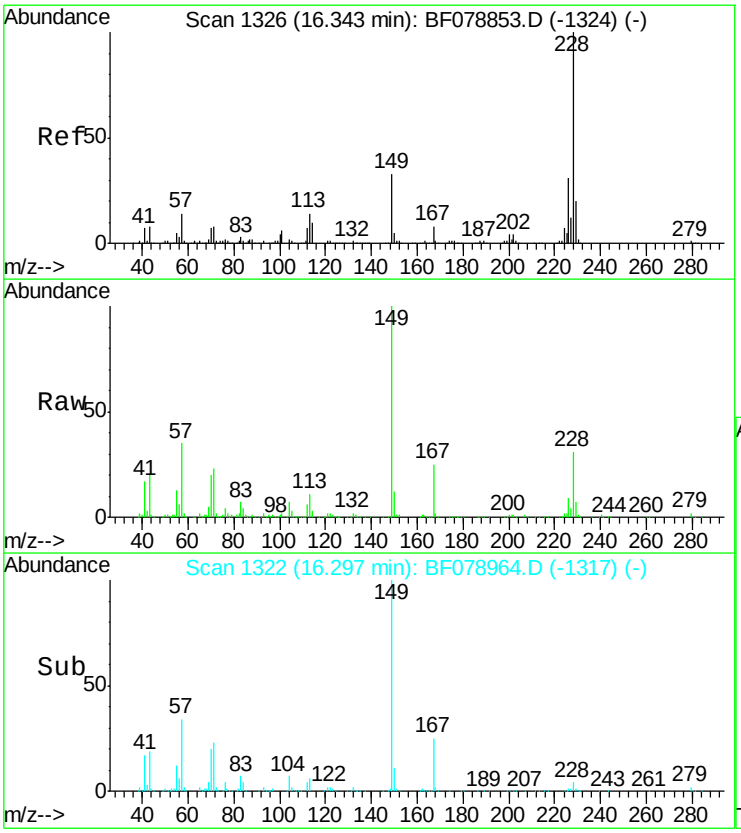
Tgt Ion:228 Resp: 111299

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.2	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
GRID-5(6-12)

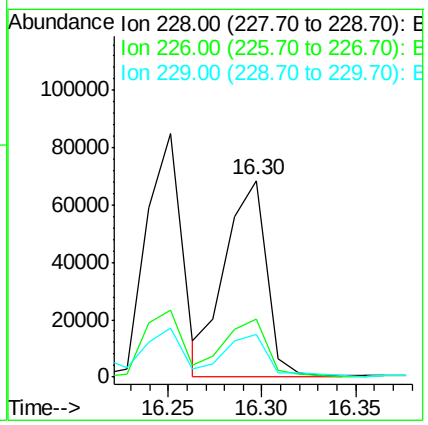
Manual Integrations APPROVED
apatel
5/7/2015 1:57:36 PM

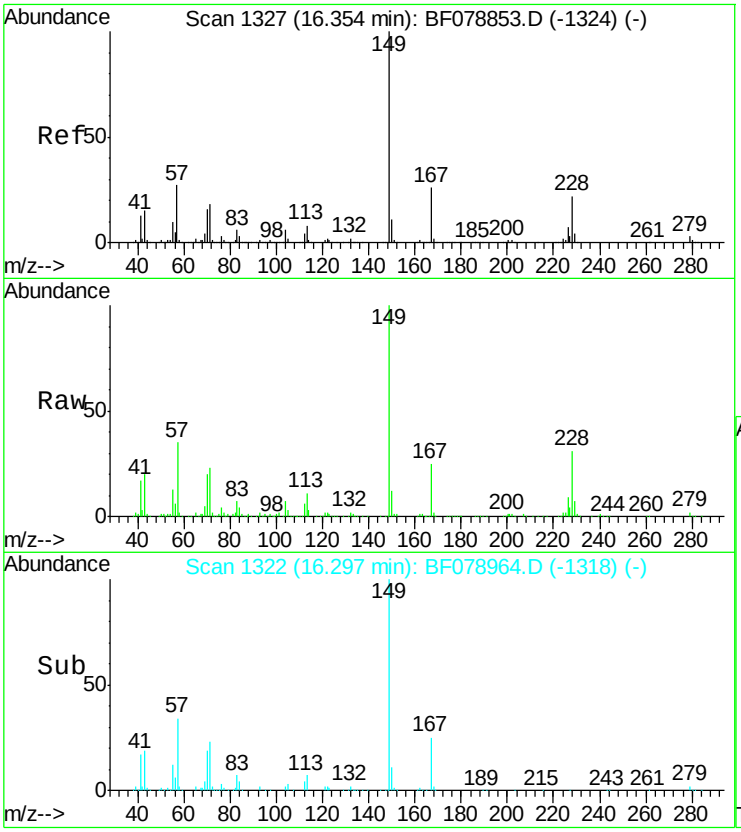


#82
Chrysene
Concen: 6.36 ng m
RT: 16.30 min Scan# 1322
Delta R.T. -0.05 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:228 Resp: 105782

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	21.6	16.0	24.0





#83
Bis(2-ethylhexyl)phthalate
Concen: 22.46 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.06 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:149 Resp: 270688

Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.8	32.8
279	2.0	2.9	4.3#

Instrument :
BNA_F
ClientSampleId :
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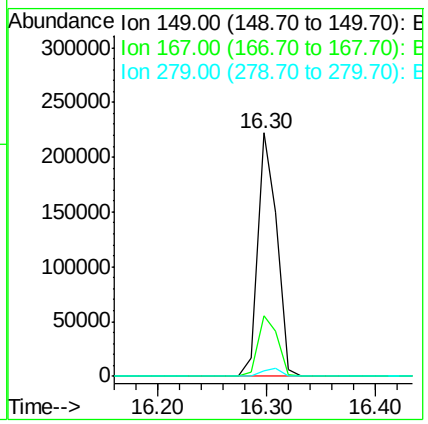
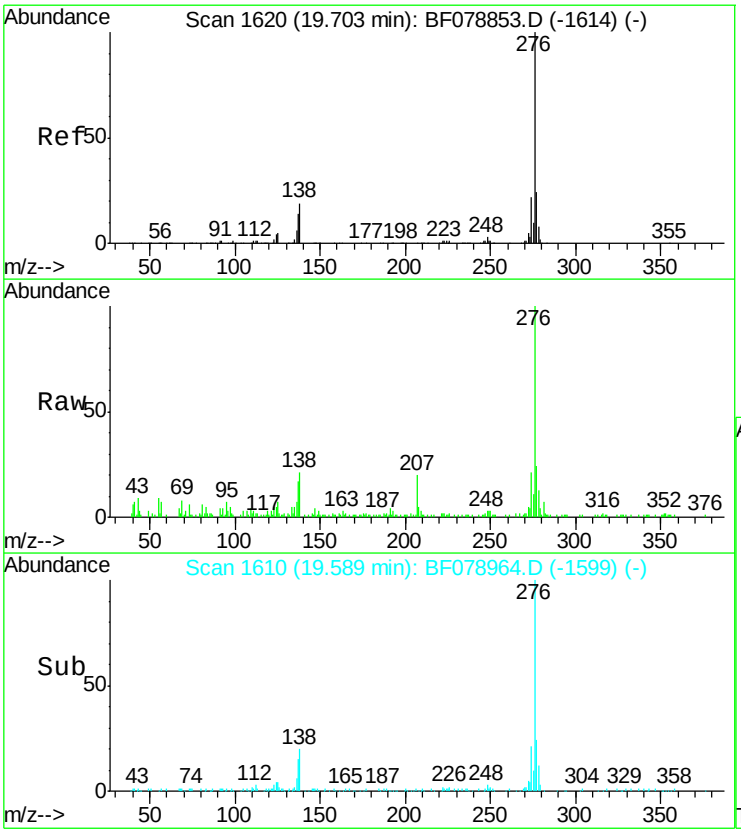
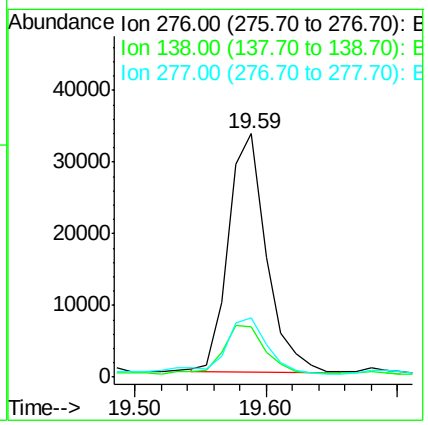


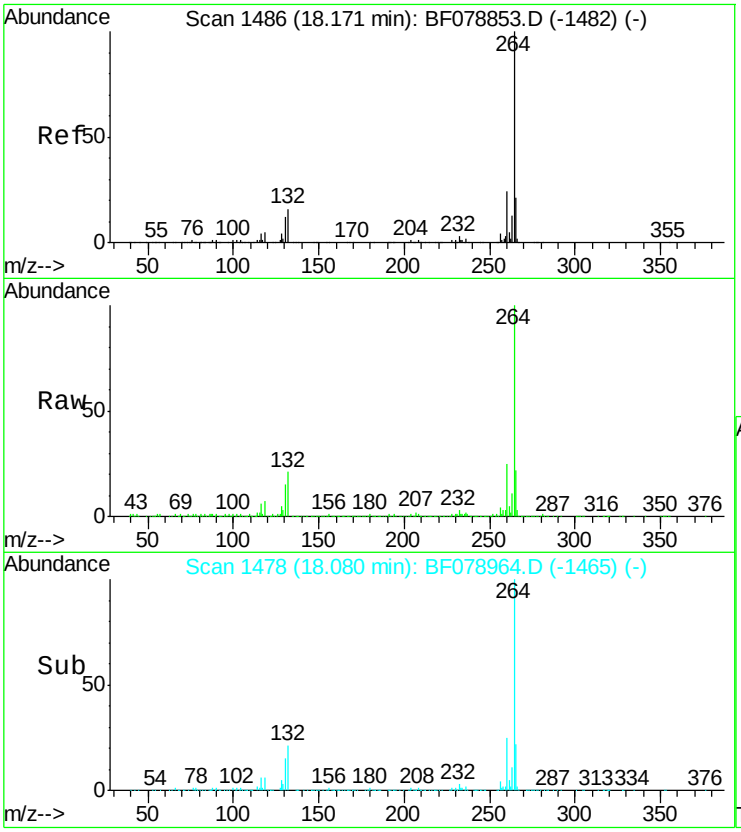


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.17 ng m
RT: 19.59 min Scan# 1610
Delta R.T. -0.17 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:276 Resp: 67248

Ion	Ratio	Lower	Upper
276	100		
138	5.7	0.0	0.0#
277	2.4	0.0	0.0#

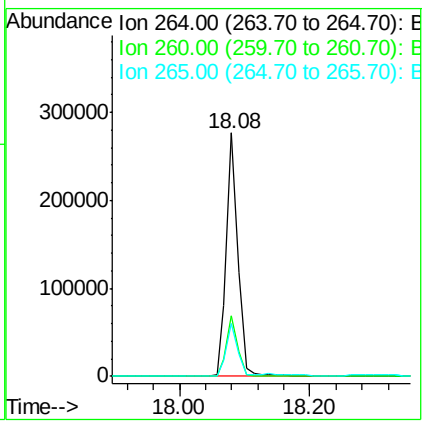




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.08 min Scan# 1478
Delta R.T. -0.15 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:264 Resp: 344032

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.9	18.3	27.5



Instrument :
BNA_F
ClientSampleId :
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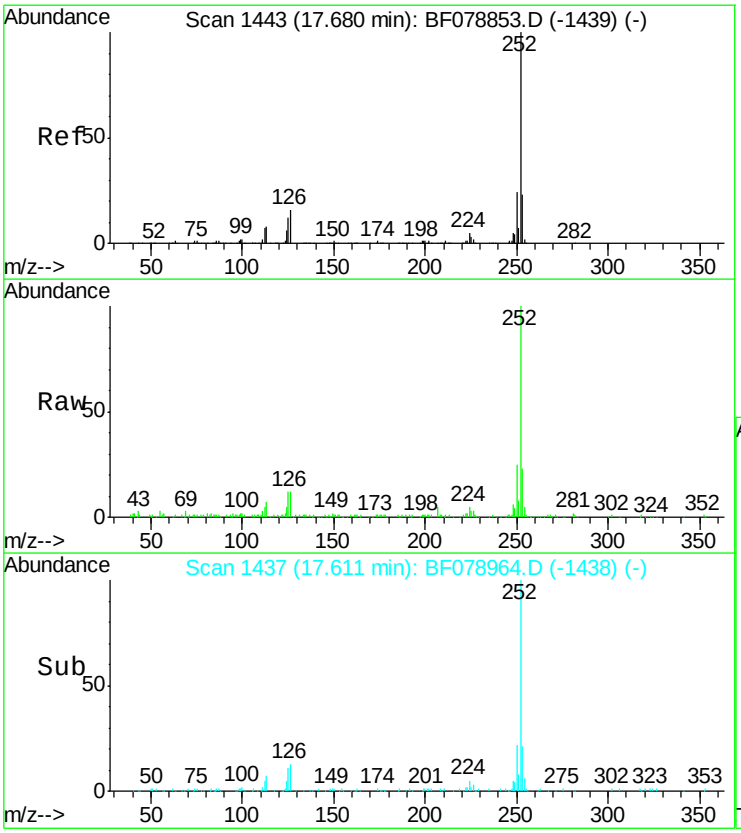
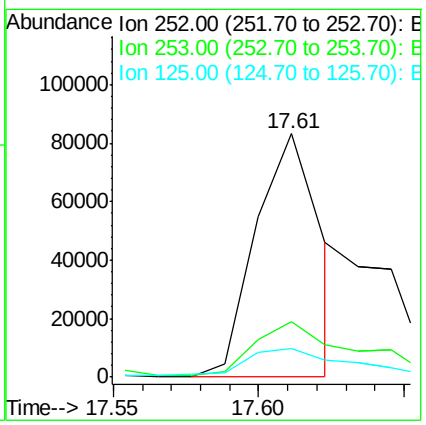
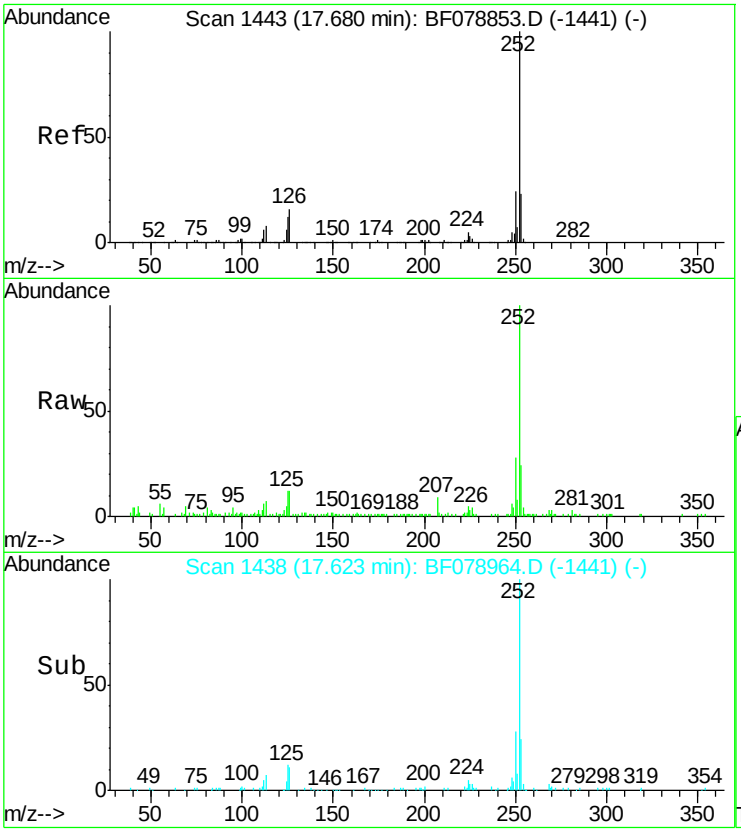


#87
Benzo(b)fluoranthene
Concen: 6.87 ng m
RT: 17.61 min Scan# 1437
Delta R.T. -0.11 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:252 Resp: 129440

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	11.6	9.5	14.3

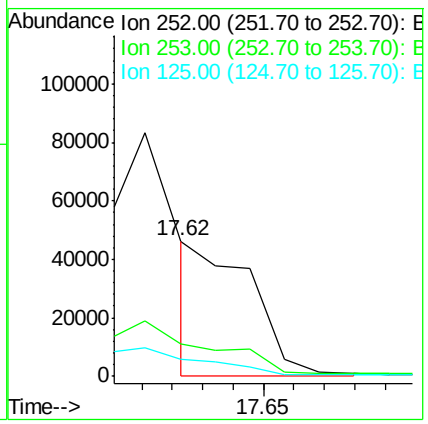




#88
Benzo(k)fluoranthene
Concen: 3.13 ng m
RT: 17.62 min Scan# 1438
Delta R.T. -0.14 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:252 Resp: 57067

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	12.4	10.0	15.0



Instrument :
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ClientSampleId :
GRID-5(6-12)

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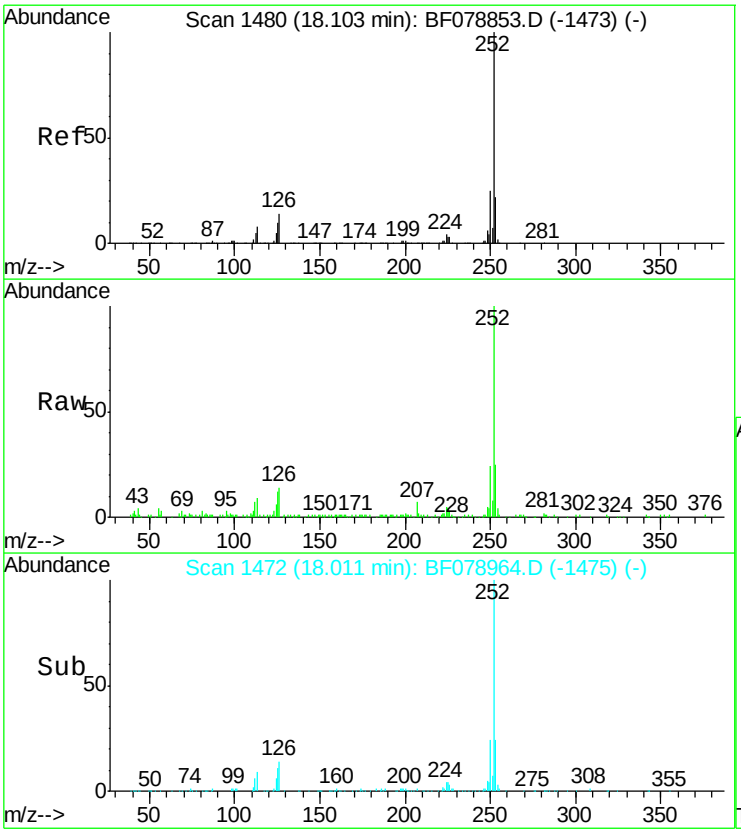
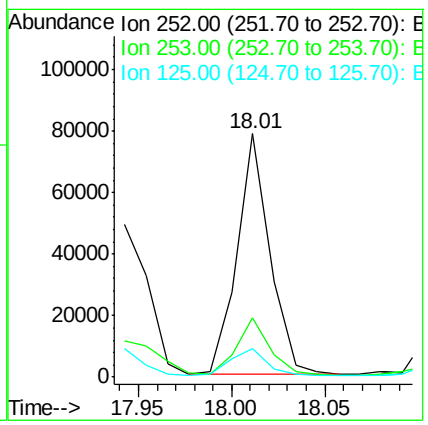
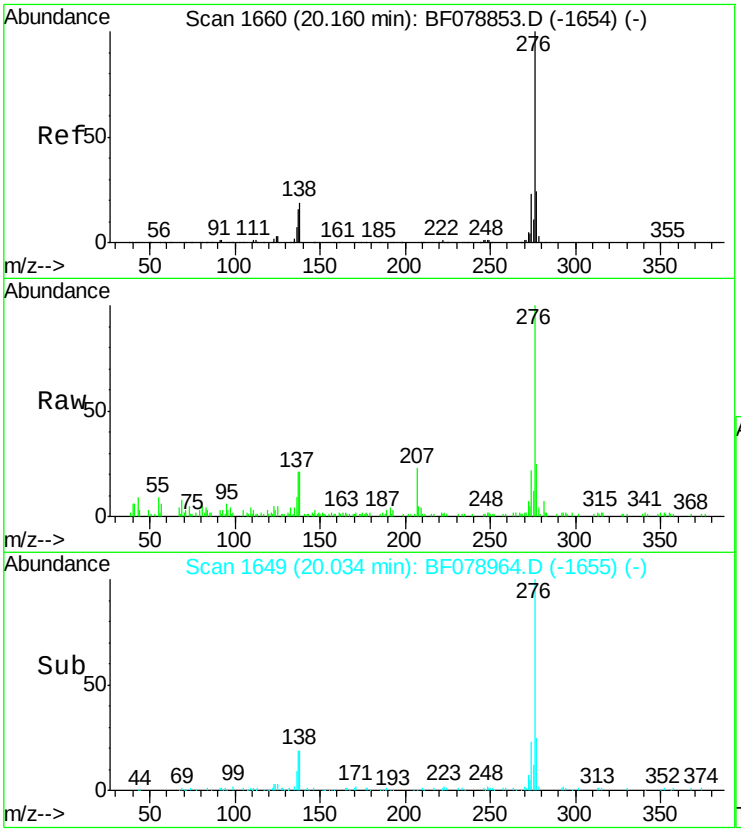


#89
Benzo(a)pyrene
Concen: 5.53 ng
RT: 18.01 min Scan# 1472
Delta R.T. -0.14 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:252 Resp: 95921

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.3	25.9
125	11.6	7.0	10.6#

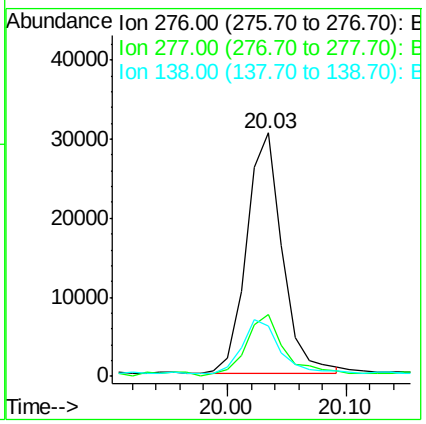




#91
Benzo(g,h,i)perylene
Concen: 3.46 ng
RT: 20.03 min Scan# 1649
Delta R.T. -0.17 min
Lab File: BF078964.D
Acq: 6 May 2015 17:02

Tgt Ion:276 Resp: 63966

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	28.0
138	20.7	17.4	26.0



Instrument :
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ClientSampleId :
GRID-5(6-12)

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